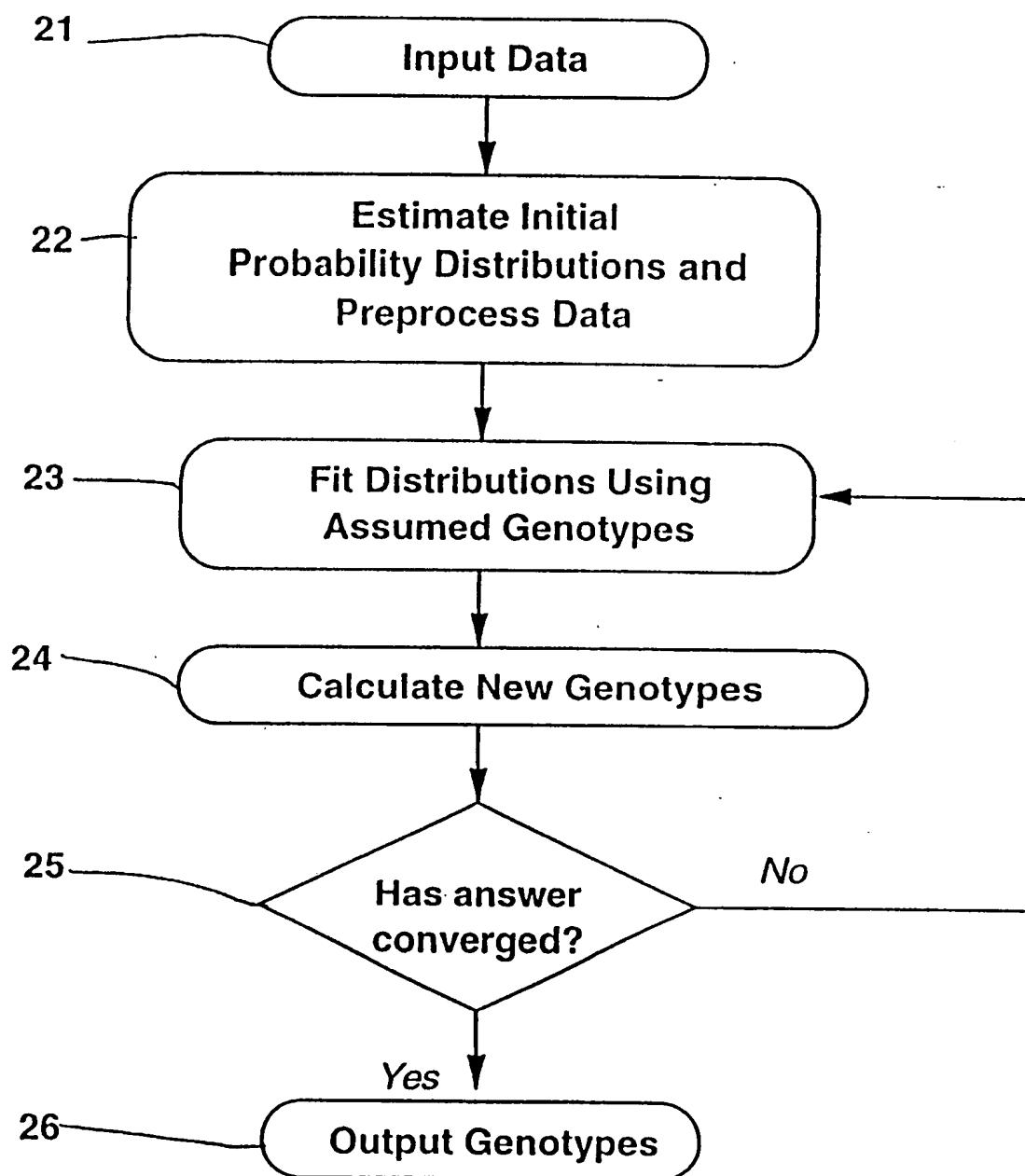


FIG. 1



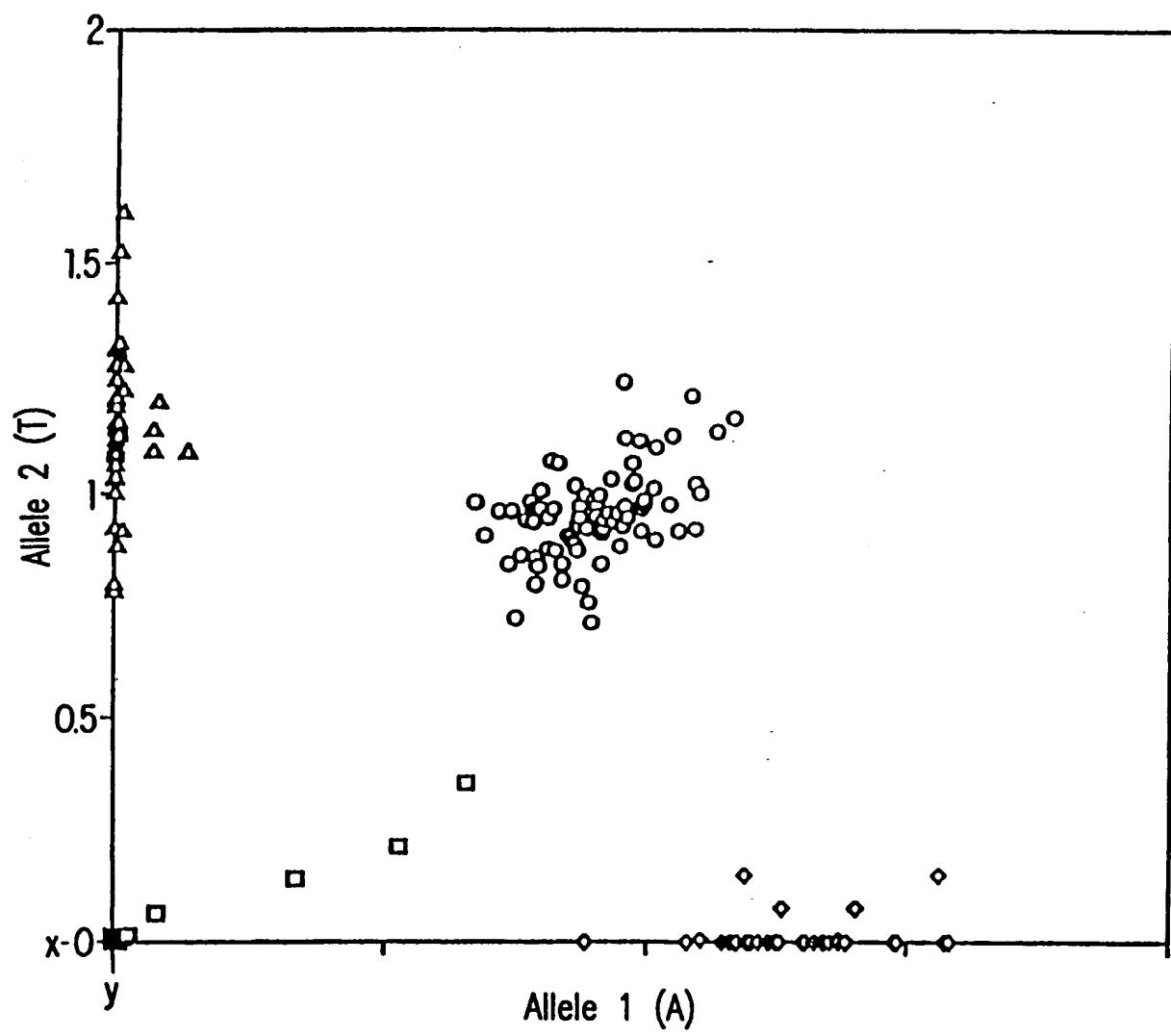


FIG. 3

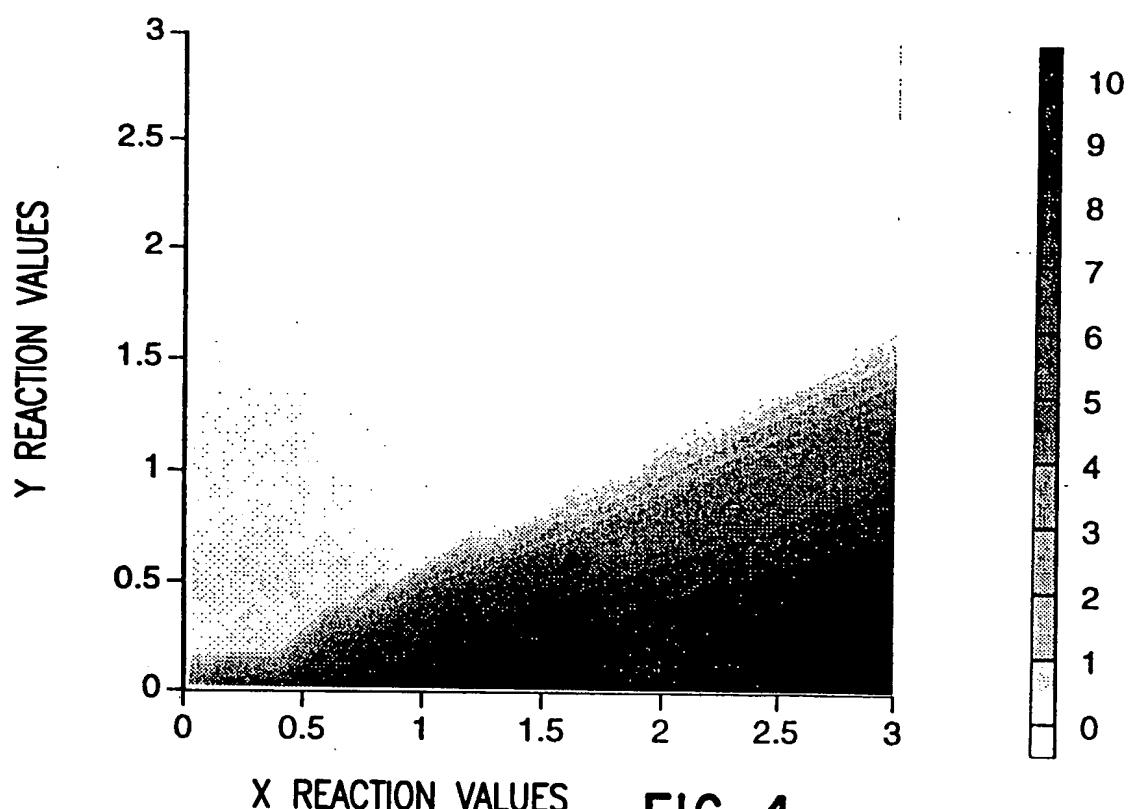
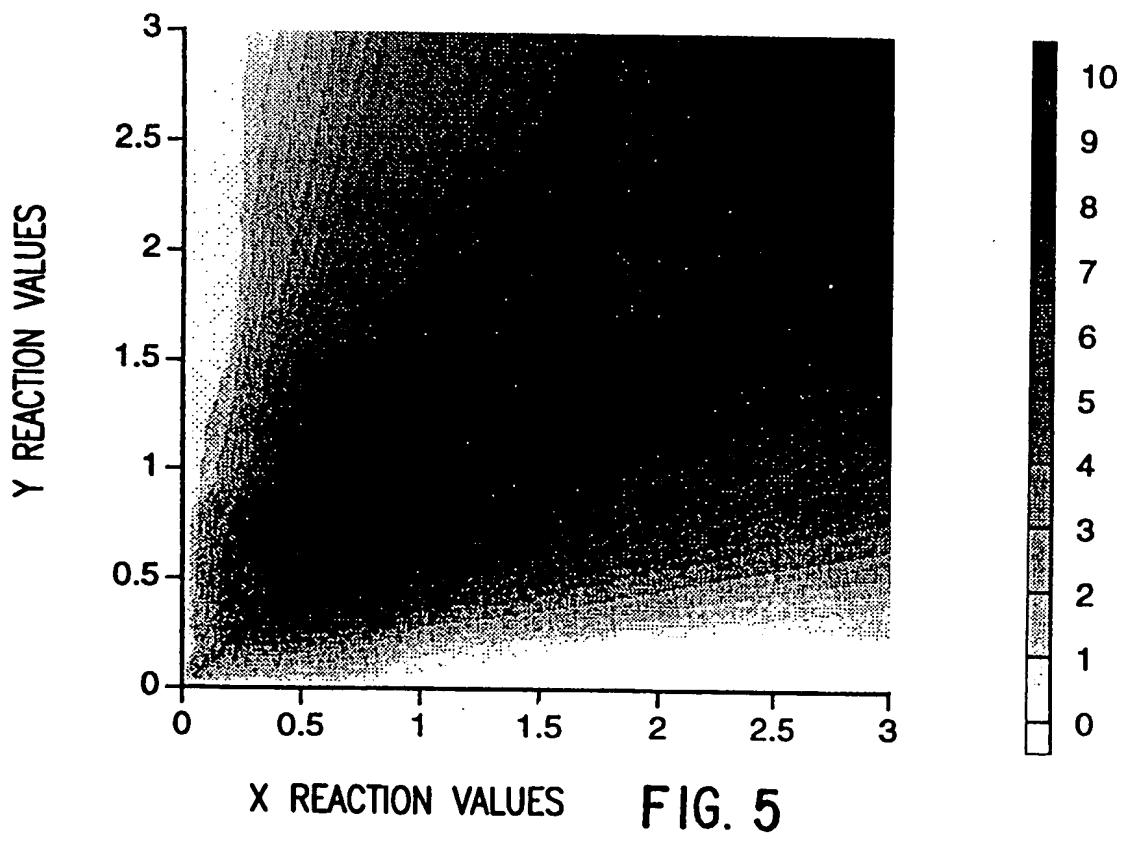
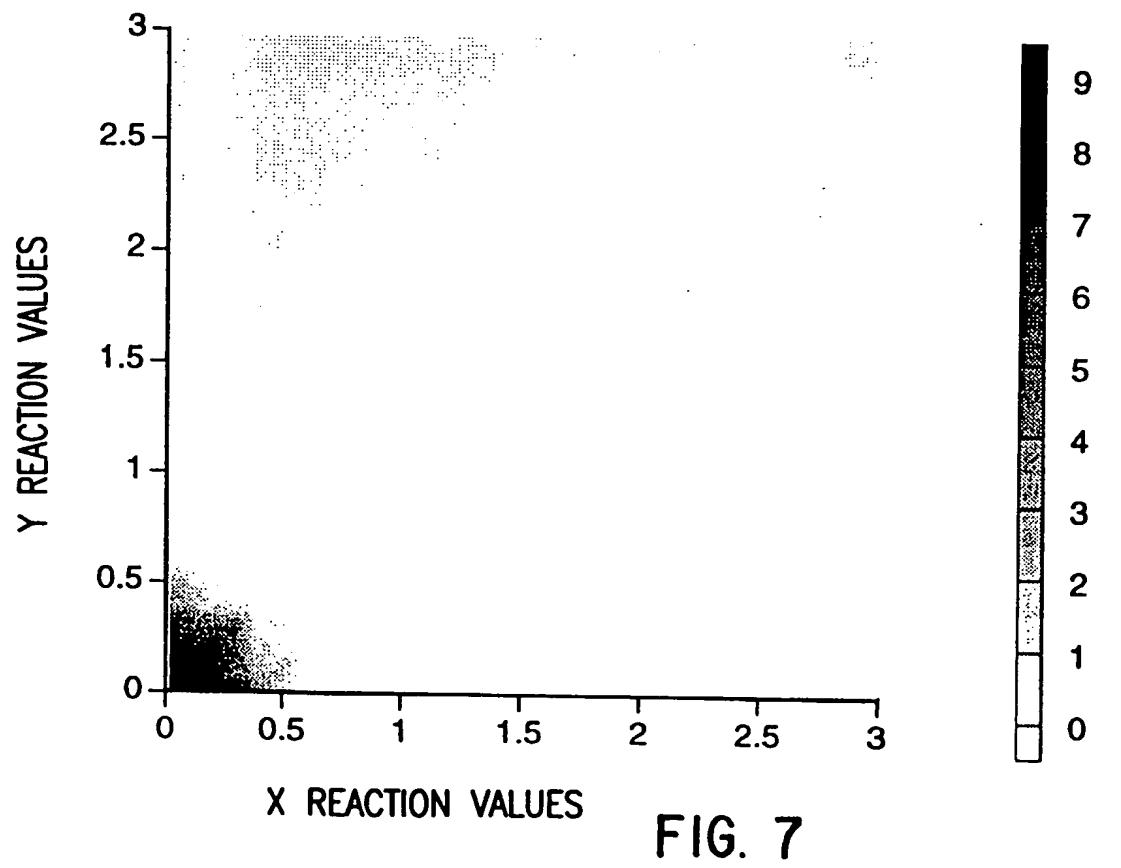
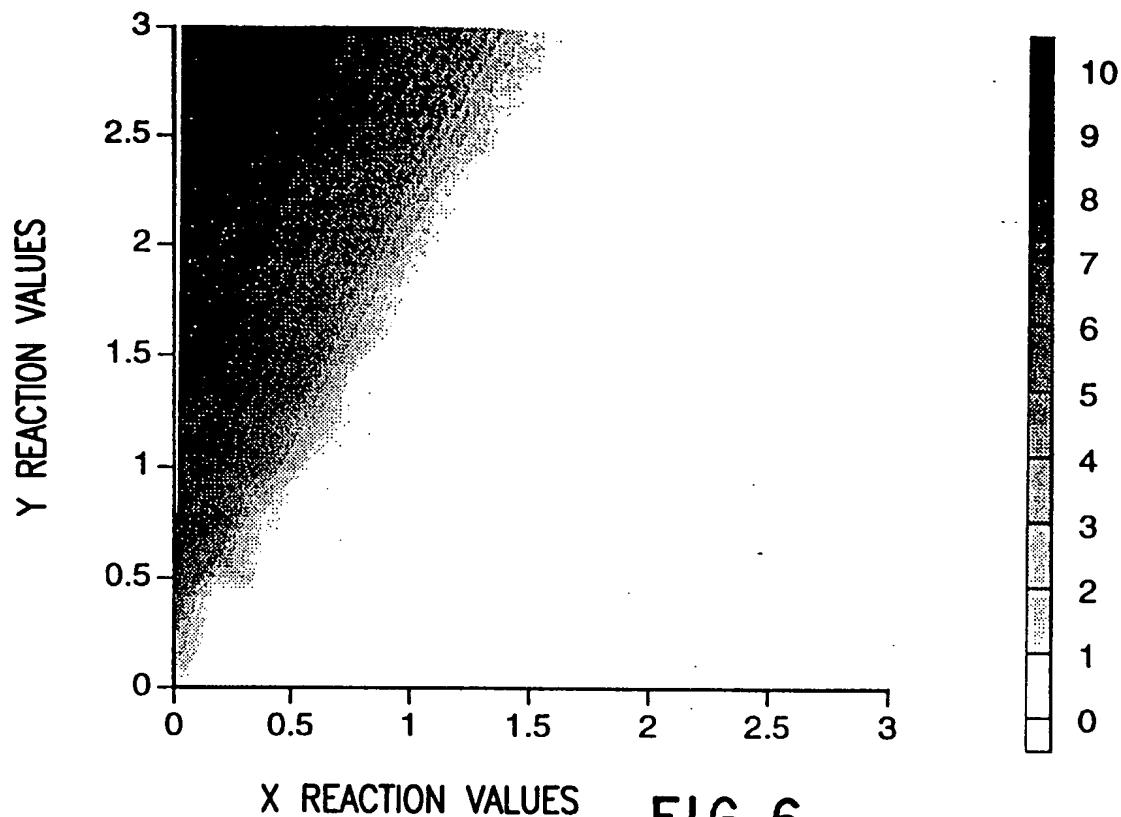


FIG. 4





09618378 - 07/18/00

| LOCUS# | SUBJECT# | X-VALUE | Y-VALUE | GENOTYPE | CONFIDENCE |
|--------|----------|---------|---------|----------|------------|
| 177 | 213-a01 | 0.176 | 1.688 | TT | 8.15 |
| 177 | 213-a02 | 0.11 | 2.303 | TT | 9.41 |
| 177 | 213-a03 | 0.399 | 0.575 | CT | 2.93 |
| 177 | 213-a04 | 1.02 | 1.492 | CT | 9.85 |
| 177 | 213-a05 | 0.971 | 1.557 | CT | 9.99 |
| 177 | 213-a06 | 0.91 | 1.513 | CT | 10 |
| 177 | 213-a07 | 0.165 | 1.604 | TT | 8.33 |
| 177 | 213-a08 | 1.168 | 0.173 | CC | 8.33 |
| 177 | 213-a09 | 0.158 | 1.573 | TT | 8.47 |
| 177 | 213-a10 | 1.429 | 0.046 | CC | 9.44 |
| 177 | 213-a11 | 1.365 | 0.047 | CC | 9.46 |
| 177 | 213-a12 | 0.186 | 0.35 | NS | 1.93 |
| 177 | 213-b01 | 0.367 | 0.302 | CT | 0.03 |
| 177 | 213-b02 | 0.193 | 2.019 | TT | 8.03 |
| 177 | 213-b03 | 0.138 | 2.039 | TT | 8.97 |
| 177 | 213-b04 | 0.913 | 1.618 | CT | 9.99 |
| 177 | 213-b05 | 0.152 | 2.111 | TT | 8.74 |
| 177 | 213-b06 | 0.308 | 0.261 | NS | 1.2 |
| 177 | 213-b07 | 0.234 | 1.825 | TT | 7.14 |
| 177 | 213-b08 | 0.787 | 1.321 | CT | 10 |
| 177 | 213-b09 | 0.746 | 1.481 | CT | 9.73 |
| 177 | 213-b10 | 1.018 | 1.423 | CT | 9.72 |
| 177 | 213-b11 | 0.897 | 1.775 | CT | 9.83 |
| 177 | 213-b12 | 1.223 | 0.054 | CC | 9.44 |
| 177 | 213-c01 | 0.308 | 0.513 | CT | 0.91 |
| 177 | 213-c02 | 1.594 | 0.061 | CC | 9.29 |
| 177 | 213-c03 | 1.487 | 0.046 | CC | 9.42 |
| 177 | 213-c04 | 0.191 | 1.998 | TT | 8.05 |
| 177 | 213-c05 | 1.395 | 0.053 | CC | 9.4 |
| 177 | 213-c06 | 0.8 | 1.551 | CT | 9.79 |
| 177 | 213-c07 | 0.244 | 1.973 | TT | 7.08 |
| 177 | 213-c08 | 0.504 | 0.706 | CT | 4.46 |
| 177 | 213-c09 | 0.243 | 1.977 | TT | 7.11 |
| 177 | 213-c10 | 0.96 | 1.831 | CT | 9.94 |
| 177 | 213-c11 | 1.43 | 0.068 | CC | 9.27 |
| 177 | 213-c12 | 0.824 | 1.369 | CT | 10 |

FIG.8